

CHAPTER 11

REFERENCES

- Abbott, I.A., and G.J. Hollenberg. 1976. *Marine Algae of California*. Stanford University Press, Stanford, CA.
- Allan Hancock Foundation. 1965. *An Oceanographic and Biological Survey of the Southern California Mainland Shelf* Publication No. 27. Resources Agency, State Water Quality Control Board, Sacramento, CA.
- American National Standards Institute (ANSI). 1991. IEEE Standards for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields 3kHz-300GHz.
- Applied Research Laboratory, University of Texas (ARLUT). 1998. *Acoustical Transmission Loss Parameters for ADS Operational Areas*.
- Arnold, B.W. 1996. *Visual Monitoring of Marine Mammal Activity During the Exxon 3-D Seismic Survey, Santa Ynez Unit, Offshore California*. 9 November to 12 December 1995. Final Report for Exxon Co., U.S.A. Prepared by Impact Sciences Inc., San Diego, CA.
- ASM Affiliates (ASM). 1998. Prehistoric Landscapes in Coastal Southern California, Archaeological Survey on Camp Pendleton, San Diego County, California.
- Au, D. and W. Perryman. 1982. Movement and Speed of Dolphin Schools Responding to an Approaching Ship. *Fishery Bulletin* 80:3 71-3 79.
- Au, W.W.L. 1993. *The Sonar of Dolphins*. Springer-Verlag, New York.
- Au, W.W., P.E. Nachtigall, and J.L. Pawloski. 1997. Acoustic Effects of the ATOC Signal (75 Hz, 195 dB) on Dolphins and Whales. *Journal of the Acoustical Society of America* 101:1-5.
- Babushina, Ye.S., G.L. Zaslavskii, and L.I. Yurkevich. 1991. Air and Underwater Hearing Characteristics of the Northern Fur Seal: Audiograms, Frequency and Differential Thresholds. *Biophysics* 36:909-913.
- Bain, D.E., and M.E. Dahlheim. 1994. Effects of Masking Noise on Detection Thresholds of Killer Whales. Pages 243-256 in *Marine Mammals and the Exxon Valdez*, T.R. Loughlin, ed. Academic Press, San Diego, CA.
- Baird, P.H. 1993. Birds. Pp 541-603 in *Ecology of the Southern California Bight*. M.D. Dailey, D.J. Reish, and J.W. Anderson, eds. University of California Press, Berkeley.
- Barlow, J. 1995. The Abundance of Cetaceans in California Waters. Part 1: Ship Surveys in Summer and Fall of 1991. *Fishery Bulletin* 93:1-14.
- Barlow, J. 1997. *Preliminary Estimates of Cetacean Abundance off California, Oregon and Washington Based on a 1996 Ship Survey and Comparisons of Passing and Closing Modes*. NMFS/SWFSC Administrative Report LJ-97-11. 25pp.

- Barlow, J., K.A. Forney, P.S. Hill, R.L. Brownell, J.V. Carretta, D.P. DeMaster, F. Julian, M.S. Lowry, T. Ragen, and R.R. Reeves. 1997. *US. Pacific Marine Mammal Stock Assessments: 1996*. NOAA-TM-NMFS-SWFSC 248. 223pp.
- Bonnell, M.L., and R.G. Ford. 1987. California Sea Lion Distribution: a Statistical Analysis of Aerial Transect Data. *Journal of Wildlife Management* 5:13-20.
- Bowles, A.E., M. Smultea, B. Wursig, D.P. DeMaster, and D. Palka. 1994. Relative Abundance and Behavior of Marine Mammals Exposed to Transmissions from the Heard Island Feasibility Test. *Journal of the Acoustical Society of America* 96:2469-2484.
- California Coastal Commission (CCC). 1993. *Revised Staff Report and Recommendation on Consistency Determination No. CD-93-93*. San Francisco, CA.
- California Department of Fish and Game (CDFG). 1998a. *Artificial Reef Coordinates in Southern California*. Pamphlet. January.
- CDFG. 1998b. *Special Animals*. Natural Heritage Division, Natural Diversity Data Base. Sacramento, CA. March.
- California Division of Mines and Geology (CDMG). 1975. *Geology of the San Diego Metropolitan Area, California*. Bulletin 200.
- Carder, D.A., and S.H. Ridgway. 1990. Auditory Brainstem Response in a Neonatal Sperm Whale, *Physeter* spp. *Journal of the Acoustical Society of America* 88 (Suppl. 1):S4.
- Carretta, J.V., M.S. Lynn, and C.A. LeDuc. 1994. Right Whale (*Eubalaena glacialis*) Sighting off San Clemente Island, California. *Marine Mammal Science* 10: 101- 105.
- Christian, E.A. and Gaspin, J.B., 1974. Swimmer Safe Standoffs from Underwater Explosions, and NOLX 80, Navy Science Assistance Program PHP-11-73.
- Clark, C.W., and W.T. Ellison. 1988. Numbers and Distribution of Bowhead Whales, *Balaena mysticetus*, Based on the 1985 Acoustic Study off Pt. Barrow, Alaska. *Report of the International Whaling Commission* 38:365-370.
- Cross. J.N., and L.G. Allen. 1993. Fishes. Pages 459-540 in *Ecology of the Southern California Bight*. M.P. Dailey, D.J. Reigh, and J.W. Anderson, eds. University of California Press, Berkeley.
- Cudahy, E., Ph.D., LT E. Hanson MC, USNR and D. Fothergill, Ph.D, 1999. Summary report on the Bioeffects of Low Frequency Water Borne Sound, (Appendix to the Draft *Environmental Impact Statement for Surveillance Towed Array Sensor System Low Frequency Active (SURTASS LFA)*).
- Dahlheim, M.E., H. D. Fisher, and J.D. Schempp. 1984. *Sound Production by the Gray Whale and Ambient Noise Levels in Laguna San Ignacio, Baja California Sur, Mexico*. Pages 511-541 in *The Gray Whale, Eschrichtius robustus*. M. L. Jones, S. L. Schwartz, and S. Leatherwood, eds. Academic Press, Inc., San Diego, CA.
- DoN. See U.S. Department of the Navy.

- Ellison, W.T., C.W. Clark, and G.C. Bishop. 1987. Potential Use of Surface Reverberation by Bowhead Whales, *Balaena mysticetus*, in Under-Ice Navigation: Preliminary Considerations. *Report of the International Whaling Commission* 37:329-332.
- Engas, A., S.L. Fkkeborg, E. Ona, and A.V. Soldal. 1993. Effects of Seismic Shooting on Catch and Availability of Cod and Haddock. *Fiskenog Havet* 9:1-115.
- Engas, A., O.A. Misund, A.V. Soldal, B. Hor-vei, and A. Solstad. 1995. Reactions of Penned Herring and Cod to Playback of Original, Frequency Filtered and Time-Smoothed Vessel Sound. *Fish Research* 22:243-254.
- Enger, P.S. 1967. Hearing in Herring. *Comparative Biochemistry and Physiology* A22:527-538.
- Environmental Assessment – Advanced Deployable System Ocean Test Program Definition and Risk Reduction Phase, October 1998, Department of the Navy
- Eschmeyer, W. N., and E.S. Herald. 1982. *Pacific Coast Fishes*. Peterson Field Guide Series. Houghton Mifflin Company, Boston, MA.
- Evans, K. 1998. Endangered right whale sighted in sanctuary. *News from the Monterey Bay National Marine Sanctuary*. Spring: 3.
- Fay, R.R. 1988. *Hearing in Vertebrates: A Psychophysics Databook*. Hill-Fay Associates, Winnetka, IL. 621 p.
- Final Environmental Impact Statement (FEIS) Shock Testing the Seawolf Submarine, May 1998, Department of the Navy
- Fiedler, P.C., S.B. Reilly, R.P. Hewitt, and D.A. Demer. 1995. *Whale Habitat and Prey off Southern California*. Eleventh Biennial Conference on the Biology of Marine Mammals, Abstracts:37. Orlando, FL.
- Fiedler, P.C., S.B. Reilly, R.P. Hewitt, D.A. Demer, V.A. Philbrick, S. Smith, W. Armstrong, D.A. Croll, B.R. Tershy, and B.R. Mate. In Press. Blue Whale Habitat and Prey in the Channel Islands. *Deep-Sea Research, California Current Special Issue*.
- Forney, K.A., J. Barlow, and J.V. Carretta. 1995. The Abundance of Cetaceans in California Waters. Part II: Aerial Surveys in Winter and Spring of 1991 and 1992. *Fishery Bulletin* 93:15-26.
- Foster, B.D. 1996. *Breeding Status of the California Least Tern at Marine Corps Base, Camp Pendleton, California, 1995*. Prepared for the Natural Resources Management Branch, Southwestern Division Naval Facilities Engineering Command, San Diego, CA. September.
- Foster, M.S. and D.R. Schiel. 1985. *The Ecology of Giant Kelp Forests in California: A Community Profile*. U.S. Fish and Wildlife Service Biological Report 85(7.2). 152 pp.

- Gales, R.S. 1982. *Effects of Noise of Offshore Oil and Gas Operations on Marine Mammals: An Introductory Assessment*. NOSC TR 844, 2 Volumes. U.S. Naval Ocean Systems Center [now, SSC-SD], San Diego, CA.
- Goold, J.C. 1996. Acoustic Assessment of Populations of Common Dolphin *Delphinus delphis* in Conjunction with Seismic Surveying. *Journal of the Marine Biology Association of the United Kingdom* 76:811-820.
- Hanggii, E.B., and R.J. Schusterman. 1994. Underwater Acoustic Displays and Individual Variation in Male Harbour Seals, *Phoca vitulina*. *Animal Behaviour* 48:1275-1283.
- Hansen, L.J. 1990. California Coastal Bottlenose Dolphins. Pages 403-420 in *The Bottlenose Dolphin*. S. Leatherwood, and R.R. Reeves, eds. Academic Press, Inc., San Diego, CA.
- Harrison, P. 1983. *Seabirds: An Identification Guide*. Houghton Mifflin Company, Boston, MA.
- Hastings, M.L., A.N. Popper, J.J. Finneran, and P.J. Lanford. 1996. Effects of Low-Frequency Underwater Sound on Hair Cells of the Inner Ear and Lateral Line of the Teleost Fish, *Astronotus ocellatus*. *Journal of the Acoustical Society of America* 99:1759-1766.
- Hatakeyama, Y. K. Ishii, T. Akamatsu, H. Soeda, T. Shimamura, and T. Kojima. 1994. A Review of Studies on Attempts to Reduce the Entanglement of the Dall's Porpoise, *Phocoenoides dalli*, in the Japanese Salmon Gillnet Fishery. *Report of the International Whaling Commission (Special Issue)* 15:549-563.
- Heard, G.J., M. McDonald, N.R. Chapman, and L. Jaschke. 1997. *Underwater Light Bulb Implosions: a Useful Acoustic Source*. Pages 755-762 in Proceedings of IEEE, Oceans 97, Halifax, Nova Scotia, Canada.
- Helweg, D.A., A.S. Frankel, J.R. Mobley, Jr., and L.M. Herman. 1992. Humpback Whale Song: Our Current Understanding. Pages 459-483 in *Marine Mammal Sensory Systems*. J.A. Thomas, R.A. Kastelein, and A. Ya. Supin, eds. Plenum Press, New York.
- Herzing, D.L., and B.R. Mate. 1984. Gray Whale Migrations along the Oregon Coast, 1978-1981. Pages 289-307 in *The Gray Whale, Eschrichtius robustus*. M.L. Jones, S.L. Swartz, and S. Leatherwood, eds. Academic Press, Inc., San Diego, CA.
- Hickey, B.M. 1993. Physical Oceanography. Pages 19-70 in *Ecology of the Southern California Bight*. M.D. Dailey, D.J. Reish and J.W. Anderson, eds. University of California Press. Berkeley.
- Hobbs, R.C., D.J. Rugh, J.M. Waite, J.M. Breiwick, and D.P. DeMaster. In press. Preliminary estimate of the Abundance of Gray Whales in the 1995/1996 Southbound Migration. *Report of the International Whaling Commission (Special Issue)*.
- Hom, M.H., and L.G. Allen. 1978. A Distributional Analysis of California Coastal Marine Fishes. *Journal of Biogeography* 5:23-42.
- Hui, C.A. 1985. Undersea Topography and the Comparative Distributions of Two Pelagic Cetaceans. *Fishery Bulletin* 83:472-475.

- Ingles, L.G. 1965. *Mammals of the Pacific States: California, Oregon, Washington*. Stanford University Press, Stanford, CA.
- Johnson, C.S. 1968. Relation between Absolute Threshold and Duration-of-Tone Pulses in the Bottlenose Porpoise. *Journal of the Acoustical Society of America* 43:757-763.
- Johnson, C.S. 1991. Hearing Thresholds for Periodic 60-kHz Tone Pulses in the Beluga Whale. *Journal of the Acoustical Society of America* 89:2996-3001.
- Johnson, C.S., M.W. McManus, and D. Skaar. 1989. Masked Tonal Hearing Thresholds in the Beluga Whale. *Journal of the Acoustical Society of America* 85:2651-2654.
- Jones, G. 1969. *The Benthic Macrofauna of the Mainland Shelf of Southern California*. Allan Hancock Monographs in Marine Biology No. 5. 219 pp.
- Jones, M.L., and S.L. Swartz. In press. Abundance and Distribution of Gray Whales in the Channel Islands National Marine Sanctuary during the Southward Migration in January 1986 and 1987. *Report of the International Whaling Commission (Special Issue)*.
- Kastak, D., and R.J. Schusterman. 1995. Aerial and Underwater Hearing Thresholds for 100 Hz Pure Tones in Two Pinniped Species. Pages 197-214 in *Sensory Systems of Aquatic Mammals*. R.A. Kastelein, J.A. Thomas, and P.E. Nachtigall, eds. DeSpil Publications, Woerden, Netherlands.
- Kastak, D., and R.J. Schusterman. 1996. Temporary Threshold Shift in a Harbor Seal (*Phoca vitulina*). *Journal of the Acoustical Society of America* 100:1905-1908.
- Kastak, D., and R.J. Schusterman. 1998. Low-frequency Amphibious Hearing in Pinnipeds: Methods, Measurements, Noise and Ecology. *Journal of the Acoustical Society of America* 103:2216-2228.
- Ketten, D.R. 1992. The Cetacean Ear: Form, Frequency and Evolution. Pages 53-75 in *Marine Mammal Sensory Systems*. J.A. Thomas, R.A. Kastelein, and A. Y. Supin eds. Plenum Press, New York.
- Ketten, D.R. 1994. Functional Analyses of Whale Ears: Adaptations for Underwater Hearing. *IEEE Proceedings in Underwater Acoustics* 1:264-270.
- Ketten, D.R. 1995. Estimates of blast injury and acoustic trauma zones for marine mammals from underwater explosions. In R.A. Kastelstein, J.A. Thomas & P.E. Nachtigall (Eds.), *Sensory Systems of Aquatic Mammals* (pp. 391-406). Woerden: De Spil.
- Kinsler, S., and A.R. Frey. 1982. *Fundamentals of Acoustics*. Third Edition. John Wiley and Sons, New York.
- Lerman, M. 1986. *Marine Biology: Environment, Diversity, and Ecology*. The Benjamin/Cummings Publishing Company, Inc. Menlo Park, CA.
- Levy, S. and Bro, P. 1994. *Battery Hazards and Accident Prevention*. Plenum Press, New York.

- Lien, J., S. Todd, and J. Guigne. 1990. Inferences about Perception in Large Cetaceans, Especially Humpback Whales, from Incidental Catches in Fixed Fishing Gear, Enhancement of Nets by "Alarm" Devices, and the Acoustics of Fishing Gear. Pages 347-362 in *Sensory Abilities of Cetaceans: Laboratory and Field Evidence*. J.A. Thomas and R.A. Kastelein, eds. Plenum Press, New York.
- Lien, J., W. Barney, S. Todd, R. Seton, and J. Guzzwell. 1992. Effects of Adding Sounds to Cod Traps on the Probability of Collisions by Humpback Whales. Pages 701-708 in *Marine Mammal Sensory Systems*. J.A. Thomas, R.A. Kastelein, and A. Y. Supin, eds. Plenum Press, New York.
- Mate, B. 1993. Experiments with an Acoustic Harassment System to Limit Seal Movements. Abstract. *Journal of the Acoustical Society of America* 94:1828.
- Mate, B., and J.T. Harvey (eds.). 1987. *Acoustical Deterrents in Marine Mammal Conflicts with Fisheries*. ORESU-W-86-001. Oregon State University, Sea Grant Program, Corvallis.
- Mate, B.R., K.M. Stafford, and D.K. Ljungblad. 1994. A Change in Sperm Whale (*Physeter macrocephalus*) Distribution Correlated to Seismic Surveys in the Gulf of Mexico. Abstract. *Journal of the Acoustical Society of America* 96:3268-3269.
- Maybaum, H.L. 1993. Responses of Humpback Whales to Sonar Sounds. *Journal of the Acoustical Society of America* 94:1848-1849.
- McMillan, S. 1998a. *Biological Survey Report for Vernal Pools at Marine Corps Base, Camp Pendleton, California*. Prepared for Assistant Chief of Staff, Environmental Security, MCB Camp Pendleton, CA. March.
- Miller, D.J., and R.N. Lea. 1972. Guide to the Coastal Marine Fishes of California. *California Department of Fish and Game Fishery Bulletin* 157:1-235.
- Misund, O.A., J.T. Ovredal, and M.T. Hafsteinson. 1996. Reactions of Herring Schools to the Sound Field of a Survey Vessel. *Aquatic Living Resource* 9:5-11.
- Moore, P.W.B., and R.J. Schusterinan. 1987. Audiometric Assessment of Northern Fur Seals, *Callorhinus ursinus*. *Marine Mammal Science* 3:31-53.
- Morris, D., and J. Lima. 1996. *Channel Islands National Park and Channel Islands National Marine Sanctuary, Submerged Cultural Resources Assessment*. Submerged Cultural Resources Unit, Intermountain Field Area, National Park Service. Santa Fe, NM.
- Morris, R. H., D.P. Abbott, and E.C. Haderlie. 1980. *Intertidal Invertebrates of California*. Stanford University Press, Stanford, CA. 1260 pp.
- National Marine Fisheries Service (NMFS). 1992. *Recovery Plan for the Steller Sea Lion (Eumetopias jubatus)*. Prepared by the Steller Sea Lion Recovery Team for the National Marine Fisheries Service, Silver Spring, MD. 92 pp.
- NAVSEA Technical Manual SW060-AA-MMA-010, 1995. *Demolition Materials*. Naval Sea Systems Command

- NMFS. 1995. Small Takes of Marine Mammals Incidental to Specified Activities: Offshore Seismic Activities in Southern California. Notice of Issuance of an Incidental Harassment Authorization. *Federal Register* 60:53753-53760.
- NMFS. 1996b. Pacific States Fisheries Yield Statistics.
- NMFS. 1997. Taking and Importing of Marine Mammals: Offshore Seismic Activities In the Beaufort Sea. *Federal Register* 62:38263-38267.
- NMFS and USFWS. 1995. *Status Reviews for Sea Turtles Listed under the Endangered Species Act of 1973*. National Marine Fisheries Service. Silver Spring, MD.
- NMFS and USFWS. 1998a. Recovery Plan for U.S. Pacific Populations of the Olive Ridley Turtle (*Lepidochelys olivacea*). National Marine Fisheries Service, Silver Springs, MD.
- NMFS and USFWS. 1998b. Recovery Plan for U.S. Pacific Populations of the East Pacific Green Turtle (*Chelonia mydas*). National Marine Fisheries Service, Silver Springs, MD.
- NMFS and USFWS. 1998c. Recovery Plan for U.S. Pacific Populations of the Loggerhead Turtle (*Caretta caretta*). National Marine Fisheries Service, Silver Springs, MD.
- NMFS and USFWS. 1998d. Recovery Plan for U.S. Pacific Populations of the Leatherback Turtle (*Dermochelys coriacea*). National Marine Fisheries Service, Silver Springs, MD.
- NSWC TR 83-84, 1983 *Safe Swimmer Ranges from Bottom Explosions* Naval Surface Weapons Center
- National Research Council (NRC). 1994. *Low-Frequency Sound and Marine Mammals: Current Knowledge and Research Needs*. National Academy Press, Washington, DC.
- Norris, K.S., B. Wursig, R.S. Wells, and M. Wursig. 1994. *The Hawaiian Spinner Dolphin*. University of California Press, Berkeley.
- Nybakken, J.W. 1988. *Marine Biology: An Ecological Approach*. Second Edition. Harper and Row Publishers, Inc., New York.
- Office of Naval Research (ONR). 1998. Workshop on the Effects of Man-Made Sound on the Marine Environment, Draft Proceedings Report. 10-12 February. Bethesda, MD.
- Ogden Environmental and Energy Services Co., Inc. (Ogden). 1997a. *Pacific Pocket Mouse Surveys, Phase III, Marine Corps Base, Camp Pendleton*. Unpubl. Report. Prepared for Assistant Chief of Staff, Environmental Security, Camp Pendleton, CA. November.
- Ogden. 1997b. Unpublished Field Data, 1994-1997. Ogden Acoustic Laboratory, San Diego, CA.
- Ogden. 1998. Acoustical Transmission Loss Parameters Calculations for ADS Operational Areas. Ogden Acoustic Laboratory, San Diego, CA.

- Olsen, K. 1969. *A Comparison of Acoustic Threshold in Cod with Recordings of Ship Noise*. Pages 431-438 in *Proceedings of the FAO Conference on Fish Behavior in Relation to Fishing Techniques and Tactics*. FAO Fish Report 6.2, Volume 2.
- Pickard, G., and W. Emery. 1990. *Descriptive Physical Oceanography*. Fifth Edition. Pergamon Press.
- Polacheck, T. and L. Thorpe. 1990. The Swimming Direction of Harbor Porpoises in Relationship to a Survey Vessel. *Report of the International Whaling Commission* 40:463-470.
- Poole, M.M. 1984. Migration Corridors of Gray Whales along the Central California Coast, 1980-1982. Pages 389-408 in *The Gray Whale, Eschrichtius robustus*. M.L. Jones, S.L. Swartz, and S. Leatherwood, eds. Academic Press, Inc., San Diego CA.
- Popper, A.N., and R.N. Fay. 1993. Sound Detection and Processing by Fish: Critical Review and Major Research Questions. *Brain Behavior and Evolution* 41:14-38.
- Pourade, R.F., ed. 1975. *Historic Ranchos of San Diego*. Union-Tribune Publishing Company, San Diego, CA.
- Powell, A.N., C.L. Collier, J.M. Terp, and B.L. Peterson. 1997. *The Status of Western Snowy Plovers (Charadrius alexandrinus nivosus) at Camp Pendleton, 1997*. Annual Breeding Season Interim Summary Report. Prepared for Assistant Chief of Staff, Environmental Security, MCB Camp Pendleton, CA.
- Reeves, R.R., B.S. Stewart, and S. Leatherwood. 1992. *The Sierra Club Handbook of Seals and Sirenians*. Sierra Club Books, San Francisco, CA.
- Richardson, W.J. 1997. *Marine Mammals and Man-Made Noise.- Current Issues*. Proceedings of the Underwater Bio-sonar and Bioacoustics Symposium, Institute of Acoustics, Loughborough University, 16-17 December. St. Albans, UK.
- Richardson, W.J., and B. Wursig. 1997. Influences of Man-Made Noise and Other Human Actions on Cetacean Behaviour. *Marine and Freshwater Behavior and Physiology* 29:183-209.
- Richardson, W.J., B. Wursig, and C.R. Greene, Jr. 1986. Reactions of Bowhead Whales, *Balaena mysticetus*, to Seismic Exploration in the Canadian Beaufort Sea. *Journal of the Acoustical Society of America* 79:1117-1128.
- Richardson, W.J., C.R. Greene, Jr., C.I. Malme, and D.H. Thomson. 1995. *Marine Mammals and Noise*. Academic Press, San Diego, CA.
- Ridgway, S.H., E.G. Wever, J.G. McCormick, J. Palin, and J.H. Anderson. 1969. Hearing in the Giant Sea Turtles. *Journal of the Acoustical Society of America* 59(Suppl. 1):S46.
- Ridgway, S.H., D.A. Carder, R.R. Smith, T. Kamolnick, C.E. Schlundt, and W.R. Elsberry. 1997. Behavioral Responses and Temporary Shift in Masked Hearing Threshold of Bottlenose Dolphins, *Tursiops truncatus* to 1-second Tones of 141 to 201 dB re 1 μ Pa. Technical Report 1751, July 1997. NCCOSC, RDT&E Division [now, SSC-SD], San Diego, CA.

- Ross, D. 1976. *Mechanics of Underwater Noise*. Pergamon Press, New York. 375 pp.
- Scarff, J.E. 1986. Historic and Present Distribution of the Right Whale (*Eubalaena glacialis*) in the Eastern North Pacific South of 50 N and East of 180 W. *Report Of the International Whaling Commission, Special Issue* 10: 43-63.
- Scarff, J.E. 1991. Historic Distribution and Abundance of the Right Whale (*Eubalaena glacialis*) in the North Pacific, Bering Sea and Sea of Okhotsk and Sea of Japan from the Maury Whale Charts. *Report of the International Whaling Commission* 41:467489.
- Schoenherr, A.A. 1992. *A Natural History of California*. University of California Press, Berkeley.
- Schultz, K.W., D.H. Cato, P.J. Corkeron, and M.M. Bryden. 1995. Low Frequency Narrow-Band Sounds Produced by Bottlenose Dolphins. *Marine Mammal Science* 11:503-509.
- Schusterman, R.J. 1981. Behavioral Capabilities of Seals and Sea Lions: A Review of Their Hearing, Visual, Learning and Diving Skills. *Psychological Record* 31:125-143.
- Schwarz, A.L., and G.L. Greer. 1984. Responses of Pacific Herring (*Clupea harengus pallaso*) to Some Underwater Sounds. *Canadian Journal of Fisheries and Aquatic Science* 41:1183-1192.
- Science Applications International Corporation (SAIC) and MEC Analytical Systems. 1995. *Monitoring Assessment of Long-Term Changes in Biological Communities in the Santa Maria Basi.- Phase III, Final Report*.
- Scripps Institution of Oceanography (Scripps). 1997a. MLRG Resources On-line. California Cooperative Fisheries Investigation (CALCOFI) Home Page.
- Scripps. 1997b. On-line Hydrographic Database (NEMO).
- Southwest Division. 1992. *MCB Camp Pendleton, Final Master Plan*. San Diego, CA.
- Spaulding, R.L. 1998. Biological resource site inspections, MCB Camp Pendleton, California. Ogden, San Diego, CA.
- Stafford, K.M. 1995. Characterization of Blue Whale Calls from the Northeast Pacific and Development of a Matched Filter to Locate Blue Whales on U.S. Navy SOSUS (Sound Surveillance System) Arrays. M.Sc. Thesis, Oregon State University, Corvallis. 79 pp.
- Stafford, K.M., and C.G. Fox. 1998. A Comparison of the Acoustic Signals Produced by Blue Whales (*Balaenoptera musculus*) in the North Pacific and Their Use in Stock Definition/Differentiation. Abstract. The World Marine Mammal Conference: 127128. Monaco.
- State Water Resources Control Board (SWRCB) and California Environmental Protection Agency (EPA). 1997. *Functional Equivalent Document, Amendment of the Water Quality Control Plan for Ocean Waters of California: California Ocean Plan*.
- Stewart, B.S., and R.L. DeLong. 1993. Seasonal Dispersion and Habitat Use of Foraging Northern Elephant Seals. *Symposia of the Zoological Society of London* 66:179-194.

- Sulley, L. and T. Begelow. 1988. *Oceanside: Crest of the Wave*. Windsor Publications, Inc.
- Sumich, J.L., and I.T. Show. In press. Aerial Survey and Photogrammetric Comparisons of Southbound Migrating Gray Whales in the Southern California Bight, 1988-1990. *Report of the International Whaling Commission (Special Issue)*.
- Swartz, S.L., and M.L. Jones. 1987. Radio-Telemetric Studies of Gray Whale Migration along the California Coast: A Preliminary Comparison of Day and Night Migration Rates. *Report of the International Whaling Commission* 37:295-311.
- Tait, R.V. 1980. *Elements of Marine Ecology*. Third Edition. University Press, Cambridge.
- Terhune, J.M. 1988. Detection Thresholds of a Harbour Seal to Repeated Underwater High-Frequency, Short-Duration Sinusoidal Pulses. *Canadian Journal of Zoology* 66:1578-1582.
- Thomas, J.A., R.A. Kastelein, and F.T. Awbrey. 1990. Behavior and Blood Catecholamines of Captive Belugas During Playbacks of Noise from an Oil Drilling Platform. *Zoological Biology* 9:393-402.
- Turnbull, S.D. 1994. Changes in Masked Thresholds of a Harbour Seal (*Phoca vitulina*) Associated with Angular Separation of Signal and Noise Sources. *Canadian Journal of Zoology* 72:1863-1866.
- Turnbull, S.D., and J.M. Terhune. 1993. Repetition Enhances Hearing Detection Thresholds in a Harbour Seal (*Phoca vitulina*). *Canadian Journal of Zoology* 71:926-932.
- Tyack, P.L. 1998. Behavioral Disruption of Large Whales in Response to Anthropogenic Noise. Abstract. Page 138 in Program of The World Marine Mammal Science Conference, 20-24 January, Monaco.
- Tyack, P.L., and C.W. Clark. 1998. Quick Look - Playback of Low Frequency Sound to Gray Whales Migrating Past the Central California Coast - January, 1998. Unpublished Report, available from Woods Hole Oceanographic Institution, MA.
- U.S. Army Corps of Engineers (ACOE). 1997. Navigation Data Center: Waterborne Commerce of the United States (WCUS: Part 4, Pacific Coast, Alaska and Hawaii. Trips and Drafts Section, Pages 159-212.
- U.S. Department of Agriculture (USDA). 1973. *Soil Survey, San Diego Area, California*. Soil Conservation Service.
- U.S. Department of Commerce. 1980. *Final Environmental Impact Statement Prepared on the Proposed Channel Islands Marine Sanctuary*. National Oceanic and Atmospheric Administration, Office of Coastal Zone Management.
- U.S. Department of the Interior. 1990. *Archaeological Resource Study for Washington, Oregon, and California*.
- U.S. Department of the Navy (DoN). 1995. *Preliminary Draft Environmental Assessment for MCTSSA Expansion Marine Corps Base Camp Pendleton, California*. December.

- DoN. 1997a. *Kelp Mapping*. Naval Facility Engineering Command Southwest Division, Natural Resources Branch.
- DoN. 1997b. *Environmental Assessment Advanced Deployable System Ocean Tests*. Naval Facilities Engineering Service Center, Port Hueneme, CA. September.
- DoN. 1998b. *Shipwreck Study*. Prepared for the Naval Air Warfare Center Weapons Division (NAWCWPNS) Point Mugu, CA. March.
- U.S. Environmental Protection Agency (USEPA). 1986. *National Ambient Water Quality Criteria*. Technical Report 440/5-86-001.
- USEPA. 1988a. *Final EIS for the Los Angeles/Long Beach (LA-2) Ocean Dredged Material Disposal Site Designation*. San Francisco, CA.
- USEPA. 1988b. *Final EIS for the Los Angeles/Long Beach (LA-5) Ocean Dredged Material Disposal Site Designation*. San Francisco, CA.
- U.S. Fish and Wildlife Service (USFWS). 1981. Pacific Coast Ecological Inventory Map: Vancouver, Washington-Oregon. 1:250,000-scale.
- USFWS. 1995b. *Surveys and Studies of the Pacific Pocket Mouse (Perognathus longimembris pacificus) on Marine Corps Base Camp Pendleton, California 1994-1995*. Draft. Prepared for Assistant Chief of Staff, Environmental Security, MCB Camp Pendleton, CA. August.
- USFWS. 1996. Endangered and Threatened Species: Listing of Several Evolutionary Significant Units (ESUs) of West Coast Steelhead. *Federal Register* 62:43937-43954.
- USFWS. 1997. *Vernal Pools of Southern California Draft Recovery Plan*. Portland, OR. 113+pp.
- U.S. Marine Corps (USMC). 1994. *Riparian and Estuarine Habitat, MCB Camp Pendleton: Biological Assessment*. November.
- USMC. 1998. *MCB Camp Pendleton Helicopter Outlying Landing Field Draft Submittal Environmental Assessment*. January.
- Vedder, J.G., and D.G. Howell. 1980. Topographic Evolution of the Southern California Borderland During Late Cenozoic Time. Pages 7-31 in *The California Islands: Proceedings of a Multidisciplinary Symposium*, D.M. Power, ed. Santa Barbara Museum of Natural History, CA.
- Watkins, W.A. 1986. Whale Reactions to Human Activities in Cape Cod Waters. *Marine Mammal Science* 2:251-262.
- Watkins, W.A., and W.E. Schevill. 1975. Sperm Whales (*Physeter catodon*) React to Pingers. *Deep-Sea Research* 22:123-129.
- Watkins, W.A., P. Tyack, K.E. Moore, and J.E. Bird. 1987. The 20-Hz Signals of Finback Whales (*Balaenoptera physalus*). *Journal of the Acoustical Society of America* 82:1901-1912.

Wenz, G.M. 1962. Acoustic Ambient Noise in the Ocean: Spectra and Source. *Journal of the Acoustical Society of America* 34:1936-1956.

Winant, C. 1990. Slope and Shelf Circulation in the Southern California Bight. Pages 23-31 in *Southern California Bight Physical Oceanography: Proceedings of a Workshop*. OCS Study MMS 91-0033. Prepared for Minerals Management Service, Pacific OCS Region. Prepared by MBC Applied Environmental Sciences.